

## NOAA COOPERATIVE INSTITUTES

| NAME                                                       | LOCATION/CONTACT                                                                                                        | RESEARCH THEMES                                                                                                                                       | LINE OFFICE |
|------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| Cooperative Institute for Climate Studies                  | University of Maryland<br>Dr. Antonio Busalacchi<br>tonyb@essic.umd.edu<br>301-405-5599                                 | earth-ocean-atmosphere climate system; climate modeling;<br>climate prediction; satellite climatology                                                 | NESDIS      |
| Cooperative Institute for Meteorological Satellite Studies | University of Wisconsin<br>Dr. Stephen A. Ackerman<br>Steve.Ackerman@ssec.wisc.edu<br>608-263-3647                      | satellite-based forecasting of severe storms; instrument design<br>and testing; satellite data optimization for global and climate<br>change research | NESDIS      |
| Cooperative Institute for Oceanographic Satellite Studies  | Oregon State University<br>Dr. P. Ted Strub<br>tstrub@coas.oregonstate.edu<br>541-737-3015                              | satellite sensors and techniques; ocean-atmosphere fields and<br>fluxes; ocean-atmosphere models and data assimilation;<br>ocean-atmosphere analyses  | NESDIS      |
| Cooperative Institute for Marine Resources Studies         | Oregon State University<br>Michael Banks<br>Michael.Banks@oregonstate.edu<br>541-737-0663                               |                                                                                                                                                       | NMFS        |
| Cooperative Institute for Marine Education and Research    | Rutgers University<br>Sybil Seitzinger<br>Sybil.Seitzinger@noaa.gov<br>732-932-6555, x-342                              |                                                                                                                                                       | NMFS        |
| Cooperative Institute for Marine Education and Research    | University of Massachusetts<br>Dr. Steven X. Cadrin<br>Steven.Cadrin@noaa.gov<br>508-910-6358                           |                                                                                                                                                       | NMFS        |
| Cooperative Institute for Marine Education and Research    | University of Rhode Island<br>Larry Buckley<br>Larry.Buckley@noaa.gov<br>401-874-6671                                   |                                                                                                                                                       | NMFS        |
| Cooperative Institute for Marine Education and Research    | Virginia Institute of Marine<br>Science & Hampton University<br>Richard Brill<br>Richard.Brill@noaa.gov<br>804-684-7875 |                                                                                                                                                       | NMFS        |

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| Cooperative Institute for Atmospheric Sciences and Terrestrial Applications | Desert Research Institute<br>Dr. Mark Green<br>green@dri.edu<br>702-862-5445                  | weather research, climate research and services, air quality research, terrestrial ecosystems and climate                                                                                                        | OAR         |
| Cooperative Institute for Arctic Research                                   | University of Alaska<br>Dr. John E. Walsh<br>jwalsh@iarc.uaf.edu<br>907-474-2677              | arctic atmospheric and climate research; fisheries oceanography; tsunami research; marine ecosystem studies; containment effects; UV and arctic haze studies; hydrographic and sea-ice studies; climate modeling | OAR         |
| Cooperative Institute for Climate and Ocean Research                        | Woods Hole Oceanographic Institution<br>Dr. Robert Weller<br>rweller@whoi.edu<br>508-239-2508 | coastal ocean and nearshore processes; ocean participation in climate and climate variability; marine ecosystem processes analysis                                                                               | OAR         |
| Cooperative Institute for Climate Applications Research                     | Columbia University<br>Dr. Yochanan Kushnir<br>kushnir@ldeo.columbia.edu<br>845-365-8669      | earth system modeling; modern and paleoclimate observations; climate variability and change applications research                                                                                                | OAR         |
| Cooperative Institute for Climate Science                                   | Princeton University<br>Dr. Jorge Sarmiento<br>JLS@princeton.edu<br>609-258-6585              | earth system studies and climate research; biogeochemistry; coastal processes; paleoclimate                                                                                                                      | OAR         |
| Cooperative Institute for Limnology and Ecosystem Research                  | University of Michigan<br>Dr. Donald Scavia<br>scavia@umich.edu<br>734-615-4860               | climate and large lake dynamics; coastal and nearshore processes; large lake ecosystem structure and function; remote sensing of large lakes and coastal ocean dynamics; marine environmental engineering        | OAR         |
| Cooperative Institute for Marine and Atmospheric Studies                    | University of Miami<br>Dr. Joseph Prospero<br>jprospero@rsmas.miami.edu<br>305-421-4159       | climate variability; fisheries dynamics; regional coastal ecosystem processes; human interactions with the environment; air-sea interactions and exchanges; integrated ocean observation                         | OAR         |

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| Cooperative Institute for Mesoscale Meteorological Studies   | University of Oklahoma<br>Dr. Peter Lamb<br>plamb@ou.edu<br>405-325-3041                                  | convective and mesoscale research; forecast improvements; climatic effects of/controls on mesoscale processes; socioeconomic impacts of mesoscale weather systems and regional-scale climate variations; Doppler weather radar research and development; climate change monitoring and detection | OAR         |
| Cooperative Institute for Research in the Atmosphere         | Colorado State University<br>Dr. Thomas Vonder Haar<br>vonderhaar@cira.colostate.edu<br>970-491-8448      | global and regional climate; local and mesoscale weather forecasting and evaluation; applied cloud physics; applications of satellite observations; air quality and visibility; societal and economic impacts; numerical modeling                                                                | OAR         |
| Cooperative Institute for Research in Environmental Sciences | University of Colorado<br>Prof. Konrad Steffen<br>koni@seaice.colorado.edu<br>303-492-8773                | advanced modeling and observing systems; climate system variability; geodynamics; integrating activities; planetary metabolism; regional processes                                                                                                                                               | OAR         |
| Joint Institute for Marine and Atmospheric Research          | University of Hawaii<br>Dr Thomas Schroeder<br>tas@hawaii.edu<br>808-956-7476                             | tsunamis and other long-period ocean waves; equatorial oceanography; climate; fisheries oceanography; tropical meteorology                                                                                                                                                                       | OAR         |
| Joint Institute for Marine Observations                      | Scripps Institution of Oceanography<br>Dr. Peter Niiler<br>pniiler@ucsd.edu<br>858-534-4100               | climate and coastal observations, analysis, and prediction; biological systems; research in extreme environments; research and development on observations systems                                                                                                                               | OAR         |
| Joint Institute for the Study of the Atmosphere and Ocean    | University of Washington<br>Dr. J. Michael Wallace (Mike)<br>wallace@atmos.washington.edu<br>206-543-7390 | climate; environmental chemistry; marine ecosystems; coastal oceanography                                                                                                                                                                                                                        | OAR         |